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IN THE

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Adityo Prakash, et al.

APPLICATION NO.: 10/087,463

FILING DATE: February 28, 2002

TITLE: Dynamic Chain Based Thresholding Using Local Characteristics

EXAMINER: Not yet known

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NOV 04 2002

GROUP ART UNIT: 2621

Technology Center 2800

ATTY. DKT. NO.: 10006.000720

COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

**REQUEST TO CORRECT INVENTORSHIP UNDER 37 C.F.R. § 1.48 (a)**

Dear Sir or Madam:

It is respectfully requested that the above-referenced patent application be amended to add Sachin Ahuja as a joint inventor. The application for patent was made through error and without deceptive intention in the name of the co-inventors, Adityo Prakash, Edward Ratner, and Hitoshi Watanabe.

As required by 37 C.F.R. § 1.48 (a), please find enclosed herewith the following:

(1) a statement from Sachin Ahuja stating that the error in inventorship occurred without deceptive intention on his part;

(2) a declaration by the actual inventors Edward Ratner, Adityo Prakash, Hitoshi Watanabe, and Sachin Ahuja in accordance with 37 C.F.R. § 1.63;

(3) a power of attorney executed by Sachin Ahuja

(4) a written consent from the owner/assignee, Pulsent Corporation, of the subject above-identified patent application; and

(5) a check for the processing fee of \$130 as set forth in 37 C.F.R. § 1.17 (i).

Respectfully submitted,

Date: 10/25/02

J. K. O.

James K. Okamoto, Reg. No. 40,110  
Attorney for Applicant(s)



IN THE  
**UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Adityo Prakash, et al.

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GROUP ART UNIT: 2621

ATTY. DKT. NO.: 10006.000720

COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

**STATEMENT FROM SACHIN AHUJA**

Dear Sir or Madam:

I, Sachin Ahuja, hereby state that it was through error without deceptive intent that I was not named as an inventor in the above-referenced patent application.

A handwritten signature in black ink, appearing to read "Sachin Ahuja".

07/26/2002  
Date

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION**  
**(37 CFR 1.63)**

Declaration  
Submitted  
With Initial  
Filing

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number	10006.000720
First Named Inventor	Adityo Prakash
<b>COMPLETE IF KNOWN</b>	
Application Number	10/087,463
Filing Date	February 28, 2002
Group Art Unit	2621
Examiner Name	not yet known

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NOV 04 2002

Technology Center 2800

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DYNAMIC CHAIN-BASED THRESHOLDING USING LOCAL  
CHARACTERISTICS**

the specification of which *(Title of the Invention)* is attached hereto

OR

 was filed on (MM/DD/YYYY)

02/28/2002

as United States Application Number or PCT International

Application Number **10/087,463** and was amended on (MM/DD/YYYY)   (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to:  Customer Number  
or Bar Code Label **000031894** OR  Correspondence address below

Name \_\_\_\_\_

Address \_\_\_\_\_

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City	State	ZIP	NOV 04 2002
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Country	Telephone	Fax	Technology Center 2800
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that those statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR:**  A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	Adityo	Family Name or Surname	Prakash
---	--------	---------------------------	---------

Inventor's Signature	<i>Adityo Prakash</i>	Date	10/04/02
-------------------------	-----------------------	------	----------

Residence: City	CA	U.S.	INDIA
	State	Country	Citizenship

600 Marlin Court

Mailing Address \_\_\_\_\_

Residence: City	CA	94065	U.S.A.
	State	Zip	Country

**NAME OF SECOND INVENTOR:**  A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	Edward	Family Name or Surname	Ralner
---	--------	---------------------------	--------

Inventor's Signature	<i>Edward Ralner</i>	Date	
-------------------------	----------------------	------	--

Residence: City	CA	U.S.	U.S.
Sunnyvale	State	Country	Citizenship

433 Crescent Avenue

Mailing Address \_\_\_\_\_

City	CA	94087	U.S.
Sunnyvale	State	Zip	Country

Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box → Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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2002

## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
Hitoshi		Watanabe			
Inventor's Signature				Date	
Residence: City	San Jose	State	CA	Country	US
Citizenship	JAPAN				
<b>RECEIVED</b>					
NOV 04 2002					
Mailing Address 414 Pinefield Road					
City	San Jose	State	CA	Zip	95134
Technology Center 2300					
Country		US			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
Sachin		Ahuja			
Inventor's Signature				Date	
Residence: City	Mountain View	State	CA	Country	US
Citizenship	INDIA				
Mailing Address 220 Jessie Lane #3					
City	Mountain View	State	CA	Zip	94041
Country		US			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
Inventor's Signature				Date	
Residence: City	State	Country		Citizenship	
Mailing Address					
Mailing Address					
City	State	Zip	Country		

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OCT 31 2002

PATENT &amp; TRADEMARK OFFICE

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted With Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	10006.000720
First Named Inventor	Adityo Prakash
<b>COMPLETE IF KNOWN</b>	
Application Number	10/087,463
Filing Date	February 28, 2002
Group Art Unit	2621
Examiner Name	not yet known

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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Technology Center 2600

**DYNAMIC CHAIN-BASED THRESHOLDING USING LOCAL  
CHARACTERISTICS**

the specification of which *(Title of the Invention)*

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OR

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Application Number 10/087,463 and was amended on (MM/DD/YYYY)   (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

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**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to:		<input checked="" type="checkbox"/> Customer Number or Bar Code Label	<b>000031894</b>	OR	<input type="checkbox"/> Correspondence address below
Name					
Address					
City	State		ZIP		
Country		Telephone		Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name Prakash or Surname			
Inventor's Signature		Date			
Redwood Shores Residence: City	CA State	U.S. Country	INDIA Citizenship		
600 Marlin Court Mailing Address					
Redwood Shores City	CA State	94065 Zip	U.S.A. Country		
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name Ratner or Surname			
Inventor's Signature		Date 7/27/02			
Residence: City Sunnyvale	State CA	Country U.S.	Citizenship U.S.		
433 Crescent Avenue Mailing Address					
City Sunnyvale	State CA	Zip 94087	Country U.S.		
<input checked="" type="checkbox"/> Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

Please type a plus sign (+) inside this box



Approved for use through 10/31/2002. OMB 0651-0032  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Supplemental Sheet  
Page 1 of 1

Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Hitoshi

Watanabe

Inventor's Signature

07/30/2002  
Date

Residence: City

San Jose

State CA

Country US

Citizenship JAPAN

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Mailing Address 414 Pinefield Road

NOV 04 2002

City San Jose

State CA

Zip 95134

Country US Technology Center 2600

Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Sachin

Ahuja

Inventor's Signature

07/26/2002  
Date

Residence: City Mountain View

State CA

Country US

Citizenship INDIA

Mailing Address 220 Jessie Lane #3

City Mountain View

State CA

Zip 94041

Country US

Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Inventor's Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

Mailing Address

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State

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